

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Currently Amended) An isolated nucleic acid molecule comprising a nucleotide sequence ~~at least 80% identical to the of nucleotide sequence~~ of SEQ ID NO:3, wherein the nucleic acid molecule encodes a polypeptide comprising an N-terminal mGluR-like domain and a C-terminal unique domain amino acid sequence of SEQ ID NO:2.

Claims 2-4 (Canceled)

Claim 5 (Currently Amended) An isolated nucleic acid molecule which encodes a polypeptide comprising an amino acid sequence ~~at least 80% identical to the amino acid sequence~~ of SEQ ID NO:2, wherein the polypeptide lacks a transmembrane domain.

Claim 6-9 (Canceled)

Claim 10 (Currently Amended) An isolated nucleic acid molecule which hybridizes to a complement of a nucleic acid molecule comprising SEQ ID NO:3 under stringent conditions, ~~wherein the nucleic acid molecule encodes polypeptide comprising an N-terminal mGluR-like domain and a C-terminal unique domain.~~

Claim 11 (Original) An isolated nucleic acid molecule which hybridizes to a complement of a nucleic acid molecule comprising SEQ ID NO:1 under stringent conditions, wherein the nucleic acid molecule encodes a polypeptide lacking a transmembrane domain.

Claim 12 (Original) An isolated nucleic acid molecule comprising the DNA insert of the plasmid deposited with ATCC as Accession Number PTA-2775.

Claim 13 (Original) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO:1, or a complement thereof.

Listing of Claims (Continued)

Claim 14 (Original) An isolated nucleic acid molecule which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

Claim 15 (Currently Amended) The nucleic acid molecule of any one of claims 1, [[4-6]] 4, 5 and 10-14, further comprising vector nucleic acid sequences.

Claim 16 (Currently Amended) The nucleic acid molecule of any one of claims 1, [[4-6]] 4, 5 and 10-14, further comprising nucleic acid sequences encoding a heterologous polypeptide.

Claim 17 (Currently Amended) A host cell which contains the nucleic acid molecule of any one of claims 1, [[4-6]] 4, 5 and 10-14.

Claim 18 (Original) The host cell of claim 17 which is a mammalian host cell.

Claim 19 (Currently Amended) A non-human mammalian host cell comprising the nucleic acid molecule of claim any one of claims 1, [[4-6]] 4, 5 and 10-14.

Claims 20-35 (Canceled)

Claim 36 (Currently Amended) A method for producing a polypeptide encoded by the nucleic acid molecule of any one of claims 1, [[4-6]] 4, 5 and 10-14, comprising culturing a host cell which contains the nucleic acid molecule, under conditions in which the nucleic acid molecule is expressed.

Claim 37-58 (Canceled)